Author index to volume 325

Aasa, R. see B.G. Malmström 325 (1993) 49
Abagyan, R.A., Towards protein folding by global energy optimization 325 (1993) 17
Abe, Y. see M. Nagase 325 (1993) 247
Agarwal, A. see E.W. Taylor 325 (1993) 161
Albrandt, K., E. Mull, E.M.G. Brady, J. Herich, C.X. Moore and K. Beaumont, Molecular cloning of two receptors from rat brain with high affinity for salmon calcitonin 325 (1993) 225
Ali, E. see S. Dutta 325 (1993) 262
Arias, F.J. see R. Iglesias 325 (1993) 291
Arioka, M. see K. Ishiguro 325 (1993) 167
Arkhipova, I.R. see N.V. Lyubomirskaya 325 (1993) 233
Avila, J. see R. Padilla 325 (1993) 173
Badretdinov, A.Y. see A.V. Finkelstein 325 (1993) 23
Ballabio, A. see B. Lutz 325 (1993) 128
Barber, J. see S.R. Mayes 325 (1993) 255
Batenburg, J.J. see C. Fraslon 325 (1993) 285
Beaumont, K. see K. Albrandt 325 (1993) 225
Beckmann, A. see W. März 325 (1993) 271
Beechem, J.M. see P.G.W. Gettins 325 (1993) 267
Benne, R. see P. Sloof 325 (1993) 146
Benner, S.A. and D.L. Gerloff, Predicting the conformation of proteins: Man versus machine 325 (1993) 29
Best-Belpomme, M. see S. Codani-Simonart 325 (1993) 177
Betton, J.-M., P. Martineau, W. Saurin and M. Hofnung, Location of tolerated insertions/deletions in the structure of the maltose binding protein 325 (1993) 34
Blanquet, S. see A. Poterszman 325 (1993) 183
Borgese, N., A. D'Arrigo, M. De Silvestris and G. Pietrini, NADH-cytochrome b_5 reductase and cytochrome b_5 isoforms as models for the study of post-translational targeting to the endoplasmic reticulum 325 (1993) 70
Brady, E.M.G. see K. Albrandt 325 (1993) 225
Brandt, U. see K. Lange 325 (1993) 205
Brennicke, A., L. Grohmann, R. Hiesel, V. Knoop and W. Schuster, The mitochondrial genome on its way to the nucleus: different stages of gene transfer in higher plants 325 (1993) 140
Butcher, C.J. see L. Wilson 325 (1993) 295
Cammack, R. see J.E. Ellis 325 (1993) 196
Canters, G.W. and G. Gilardi, Engineering type 1 copper sites in proteins 325 (1993) 39
Chen, K.-H., S.G. Widen, S.H. Wilson and K.-P. Huang, Identification of a nuclear protein binding element within the rat brain protein kinase C γ promoter that is related to the developmental control of this gene 325 (1993) 210
Codani-Simonart, S., J. Lacoste, M. Best-Belpomme and F. Fourcade-Peronnet, Promoter activity of the 1731 *Drosophila* retrotransposon in a human monocytic cell line 325 (1993) 177
Cole, D. see J.E. Ellis 325 (1993) 196
Crews, B.C. see P.G.W. Gettins 325 (1993) 267
Curtiss, L.K. see W. März 325 (1993) 271
D'Arrigo, A. see N. Borgese 325 (1993) 70
D'Souza, C. see D. Vollenbroich 325 (1993) 220
Dalla Chiesa, M. see S.R. Mayes 325 (1993) 255
Datta, S.P., *FEBS Letters* – The First 25 Years 325 (1993) 1
De Silvestris, M. see N. Borgese 325 (1993) 70
Depresle, Y. see C. Forestier 325 (1993) 276
Dibb, N.J., Why do genes have introns? 325 (1993) 135
Dimitrovsky, D. see H.A. Parag 325 (1993) 242
Dobrynin, V.N. see D.K. Pokholok 325 (1993) 237
Dutta, S., E. Ali and A.K. Samanta, Functions of interleukin-8 are mediated through thiol group(s) of IL-8 receptor in human polymorphonuclear neutrophils: Effects of 5,5′-dithio-bis(2-nitrobenzoic acid) on IL-8 receptor 325 (1993) 262
Edwards, F.A. and A.J. Gibb, ATP – a fast neurotransmitter 325 (1993) 86
Eichele, G. see B. Lutz 325 (1993) 128
Ellis, J.E., R. Williams, D. Cole, R. Cammack and D. Lloyd, Electron transport components of the parasitic protozoon *Giardia lamblia* 325 (1993) 196
Endo, H. see C. Matsuda 325 (1993) 281
Escarmis, C. see R. Iglesias 325 (1993) 291
Ferreras, J.M. see R. Iglesias 325 (1993) 291
Fersht, A.R., Protein folding and stability: the pathway of folding of barnase 325 (1993) 5
ffrench-Constant, R. see M. Thompson 325 (1993) 187
Finazzi-Agrò, A. see J.Z. Pedersen 325 (1993) 53
Finkelstein, A.V., A.M. Gutun and A.Y. Badretdinov, Why are the same protein folds used to perform different functions? 325 (1993) 23
Forestier, C., Y. Depresle and M. Vivaudou, Intracellular protons control the affinity of skeletal muscle ATP-sensitive K^+ channels for potassium-channel-openers 325 (1993) 276
Fourcade-Peronnet, F. see S. Codani-Simonart 325 (1993) 177
Fraslon, C. and J.J. Batenburg, Pre-translational regulation of lipid synthesizing enzymes and surfactant proteins in fetal rat lung in explant culture 325 (1993) 285
Gerloff, D.L. see S.A. Benner 325 (1993) 29
Gettins, P.G.W., J.M. Beechem and B.C. Crews, α_2-Macroglobulin bait region integrity: Role in determining fast-form structure 325 (1993) 267
Gibb, A.J. see F.A. Edwards 325 (1993) 86
Gilardi, G. see G.W. Canters 325 (1993) 39
Girbés, T. see R. Iglesias 325 (1993) 291
Goffeau, A., K. Nakai, P. Slominski and J.-L. Risler, The membrane proteins encoded by yeast chromosome III genes 325 (1993) 112
Graur, D., Towards a molecular resolution of the ordinal phylogeny of the eutherian mammals 325 (1993) 152
Grohmann, L. see A. Brennicke 325 (1993) 140
Groß, W. see W. März 325 (1993) 271
Gudima, S.O. see D.K. Pokholok 325 (1993) 237
Gutun, A.M. see A.V. Finkelstein 325 (1993) 23
Hallén, S., M. Svensson and T. Nilsson, Cytochrome *bo* from *E. coli* does not exhibit the same proton transfer characteristics as the bovine cytochrome *c* oxidase during oxygen reduction 325 (1993) 299
Hattori, M. see N. Ozawa 325 (1993) 303
Heilmeyer Jr., L.M.G. see M. Schmidt 325 (1993) 201
Held, I. see W. März 325 (1993) 271
Herich, J. see K. Albrandt 325 (1993) 225
Herrmann, R.G. see C. Robinson 325 (1993) 67
Hetru, C. see J.A. Hoffmann 325 (1993) 63
Hiesel, R. see A. Brennicke 325 (1993) 140
Hirata, H. see C. Matsuda 325 (1993) 281
Hoffmann, J.A., C. Hetru and J.-M. Reichhart, The humoral antibacterial response of *Drosophila* 325 (1993) 63
Hofnung, M. see J.-M. Betton 325 (1993) 34
Hoheisel, J.D. and H. Lehrach, Use of reference libraries and hybridisation fingerprinting for relational genome analysis 325 (1993) 118

Huang, K.-P. see K.-H. Chen 325 (1993) 210
Hurt, E.C., The nuclear pore complex 325 (1993) 76
Hüttinger, M. see W. März 325 (1993) 271
Iglesias, R., F.J. Arias, M.A. Rojo, C. Escarmis, J.M. Ferreras and T. Girbés, Molecular action of the type 1 ribosome-inactivating protein saporin 5 on *Vicia sativa* ribosomes 325 (1993) 291
Ilyin, Y. see N.V. Lyubomirskaya 325 (1993) 233
Imahori, K. see K. Ishiguro 325 (1993) 167
Imoto, K., Ion channels: molecular basis of ion selectivity 325 (1993) 100
Ishiguro, K., A. Shiratsuchi, S. Sato, A. Omori, M. Arioka, S. Kobayashi, T. Uchida and K. Imahori, Glycogen synthase kinase 3β is identical to tau protein kinase I generating several epitopes of paired helical filaments 325 (1993) 167
Jacquet, M. see R.B. Wilson 325 (1993) 191
Kagawa, Y. see C. Matsuda 325 (1993) 281
Kanner, B.I., Glutamate transporters from brain: A novel neurotransmitter transporter family 325 (1993) 95
Kano, T. see N. Ozawa 325 (1993) 303
Kellie, S. see L. Wilson 325 (1993) 295
Kern, D. see A. Poterszman 325 (1993) 183
Klösgen, R.B. see C. Robinson 325 (1993) 67
Kluge, B. see D. Vollenbroich 325 (1993) 220
Knoop, V. see A. Brennicke 325 (1993) 140
Kobayashi, S. see K. Ishiguro 325 (1993) 167
Kochetkov, S.N. see D.K. Pokholok 325 (1993) 237
Kreutzer, R. see A. Poterszman 325 (1993) 183
Kulka, R.G. see H.A. Parag 325 (1993) 242
Lacoste, J. see S. Codani-Simonart 325 (1993) 177
Lamond, A.I. and B.S. Sproat, Antisense oligonucleotides made of 2′-*O*-alkylRNA: their properties and applications in RNA biochemistry 325 (1993) 123
Lange, K. and U. Brandt, Rapid uptake of calcium, ATP, and inositol 1,4,5-trisphosphate via cation and anion channels into surface-derived vesicles from HIT cells containing the inositol 1,4,5-trisphosphate-sensitive calcium store 325 (1993) 205
Lehrach, H. see J.D. Hoheisel 325 (1993) 118
Lindberg, U. see C.E. Schutt 325 (1993) 59
Lloyd, D. see J.E. Ellis 325 (1993) 196
Lutz, B., E.I. Rugarli, G. Eichele and A. Ballabio, X-linked Kallmann syndrome: A neuronal targeting defect in the olfactory system? 325 (1993) 128
Lyubomirskaya, N.V., I.R. Arkhipova and Y. Ilyin, Transcription of *Drosophila* mobile element *gypsy* (mdg4) in heat-shocked cells 325 (1993) 233
Malek, D., G. Münch and D. Palm, Two sites in the third inner loop of the dopamine D_2 receptor are involved in functional G protein-mediated coupling to adenylate cyclase 325 (1993) 215
Malmström, B.G. and R. Aasa, The nature of the Cu_Acenter in cytochrome *c* oxidase 325 (1993) 49
Martineau, P. see J.-M. Betton 325 (1993) 34
März, W., A. Beckmann, H. Scharnagl, R. Siekmeier, U. Mondorf, I. Held, W. Schneider, K.T. Preissner, L.K. Curtiss, W. Groß and M. Hüttinger, Heterogeneous lipoprotein (a) size isoforms differ by their interaction with the low density lipoprotein receptor and the low density lipoprotein receptor-related protein/α_2-macroglobulin receptor 325 (1993) 271
Matsuda, C., H. Endo, H. Hirata, H. Morosawa, M. Nakanishi and Y. Kagawa, Tissue-specific isoforms of the bovine mitochondrial ATP synthase γ-subunit 325 (1993) 281
Mayes, S.R., M. Dalla Chiesa, Z. Zhang and J. Barber, The genes *aroA* and *trnQ* are located upstream of *psbO* in the chromosome of *Synechocystis* 6803 325 (1993) 255
Mazauric, M.-H. see A. Poterszman 325 (1993) 183
Mondorf, U. see W. März 325 (1993) 271
Moore, C.X. see K. Albrandt 325 (1993) 225
Moras, D. see A. Poterszman 325 (1993) 183
Morosawa, H. see C. Matsuda 325 (1993) 281
Mull, E. see K. Albrandt 325 (1993) 225
Münch, G. see D. Malek 325 (1993) 215
Myasoedova, K.N. and V.L. Tsuprun, Cytochrome P-450: hexameric structure of the purified LM4 form 325 (1993) 251
Nagase, M., H. Nishiya and Y. Abe, The effect of crystallinity on hydroxyapatite-induced production of reactive oxygen metabolites by polymorphonuclear leukocytes 325 (1993) 247
Nakai, K. see A. Goffeau 325 (1993) 112
Nakanishi, M. see C. Matsuda 325 (1993) 281
Nilsson, T. see S. Hallén 325 (1993) 299
Nishiya, H. see M. Nagase 325 (1993) 247
Omori, A. see K. Ishiguro 325 (1993) 167
Otin, C.L. see R. Padilla 325 (1993) 173
Ozawa, N., T. Kano, C. Taga, M. Hattori, Y. Sakaki and H. Suzuki, An exon-trapping system with a newly constructed trapping vector pEXT2; its application to the proximal region of the human chromosome 21 long arm 325 (1993) 303
Padilla, R., C.L. Otin, L. Serrano and J. Avila, Role of the carboxy terminal region of β tubulin on microtubule dynamics through its interaction with the GTP phosphate binding region 325 (1993) 173
Palm, D. see D. Malek 325 (1993) 215
Parag, H.A., D. Dimitrovsky, B. Raboy and R.G. Kulka, Selective ubiquitination of calmodulin by UBC4 and a putative ubiquitin protein ligase (E3) from *Saccharomyces cerevisiae* 325 (1993) 242
Pedersen, J.Z. and A. Finazzi-Agrò, Protein-radical enzymes 325 (1993) 53
Petrenko, A.G., α-Latrotoxin receptor: Implications in nerve terminal function 325 (1993) 81
Pietrini, G. see N. Borgese 325 (1993) 70
Plateau, P. see A. Poterszman 325 (1993) 183
Pokholok, D.K., S.O. Gudima, D.S. Yesipov, V.N. Dobrynin, V.O. Rechinsky and S.N. Kochetkov, Interactions of the HIV-1 reverse transcriptase 'AZT-resistant' mutant with substrates and AZT-TP 325 (1993) 237
Poterszman, A., P. Plateau, D. Moras, S. Blanquet, M.-H. Mazauric, R. Kreutzer and D. Kern, Sequence, overproduction and crystallization of aspartyl-tRNA synthetase from *Thermus thermophilus*: Implications for the structure of prokaryotic aspartyl-tRNA synthetases 325 (1993) 183
Preissner, K.T. see W. März 325 (1993) 271
Raboy, B. see H.A. Parag 325 (1993) 242
Rechinsky, V.O. see D.K. Pokholok 325 (1993) 237
Reichhart, J.-M. see J.A. Hoffmann 325 (1993) 63
Renault, G. see R.B. Wilson 325 (1993) 191
Richter, C., Pro-oxidants and mitochondrial Ca^{2+}: their relationship to apoptosis and oncogenesis 325 (1993) 104
Risler, J.-L. see A. Goffeau 325 (1993) 112
Robinson, C., R.B. Klösgen, R.G. Herrmann and J.B. Shackleton, Protein translocation across the thylakoid membrane – a tale of two mechanisms 325 (1993) 67
Rojo, M.A. see R. Iglesias 325 (1993) 291
Rugarli, E.I. see B. Lutz 325 (1993) 128
Sakaki, Y. see N. Ozawa 325 (1993) 303

Samanta, A.K. see S. Dutta 325 (1993) 262
Sato, S. see K. Ishiguro 325 (1993) 167
Saurin, W. see J.-M. Betton 325 (1993) 34
Scharnagl, H. see W. März 325 (1993) 271
Schmidt, M., M. Varsányi, R. Thieleczek and L.M.G. Heilmeyer Jr., Identification of a new 80 k isoform of phosphatidylinositol 4-phosphate 5-kinase from bovine brain 325 (1993) 201
Schneider, W. see W. März 325 (1993) 271
Schuster, W. see A. Brennicke 325 (1993) 140
Schutt, C.E. and U. Lindberg, A new perspective on muscle contraction 325 (1993) 59
Seeburg, P.H. see R. Sprengel 325 (1993) 90
Semenza, G., Editorial 325 (1993) 3
Serrano, L. see R. Padilla 325 (1993) 173
Serrano, R., Structure, function and regulation of plasma membrane H^+-ATPase 325 (1993) 108
Shackleton, J.B. see C. Robinson 325 (1993) 67
Shiratsuchi, A. see K. Ishiguro 325 (1993) 167
Shotkoski, F. see M. Thompson 325 (1993) 187
Siekmeier, R. see W. März 325 (1993) 271
Slominski, P. see A. Goffeau 325 (1993) 112
Sloof, P. and R. Benne, RNA editing in trypanosome mitochondria: guidelines for models 325 (1993) 146
Sprengel, R. and P.H. Seeburg, The unique properties of glutamate receptor channels 325 (1993) 90
Sproat, B.S. see A.I. Lamond 325 (1993) 123
Suzuki, H. see N. Ozawa 325 (1993) 303
Svensson, M. see S. Hallén 325 (1993) 299
Taga, C. see N. Ozawa 325 (1993) 303
Tatchell, K. see R.B. Wilson 325 (1993) 191
Taylor, E.W. and A. Agarwal, Sequence homology between bacteriorhodopsin and G-protein coupled receptors: exon shuffling or evolution by duplication? 325 (1993) 161
Thieleczek, R. see M. Schmidt 325 (1993) 201
Thompson, M., F. Shotkoski and R. ffrench-Constant, Cloning and sequencing of the cyclodiene insecticide resistance gene from the yellow fever mosquito *Aedes aegypti*: Conservation of the gene and resistance associated mutation with *Drosophila* 325 (1993) 187
Tsuprun, V.L. see K.N. Myasoedova 325 (1993) 251
Uchida, T. see K. Ishiguro 325 (1993) 167
Varsányi, M. see M. Schmidt 325 (1993) 201
Vater, J. see D. Vollenbroich 325 (1993) 220
Vivaudou, M. see C. Forestier 325 (1993) 276
Vollenbroich, D., B. Kluge, C. D'Souza, P. Zuber and J. Vater, Analysis of a mutant amino acid-activating domain of surfactin synthetase bearing a serine-to-alanine substitution at the site of carboxylthioester formation 325 (1993) 220
Widen, S.G. see K.-H. Chen 325 (1993) 210
Williams, R. see J.E. Ellis 325 (1993) 196
Wilson, L., C.J. Butcher and S. Kellie, Calcium ionophore A23187 induces interleukin-8 gene expression and protein secretion in human monocytic cells 325 (1993) 295
Wilson, R.B., G. Renault, M. Jacquet and K. Tatchell, The *pde2* gene of *Saccharomyces cerevisiae* is allelic to *rca1* and encodes a phosphodiesterase which protects the cell from extracellular cAMP 325 (1993) 191
Wilson, S.H. see K.-H. Chen 325 (1993) 210
Yesipov, D.S. see D.K. Pokholok 325 (1993) 237
Zhang, Z. see S.R. Mayes 325 (1993) 255
Zuber, P. see D. Vollenbroich 325 (1993) 220